

FIG.1

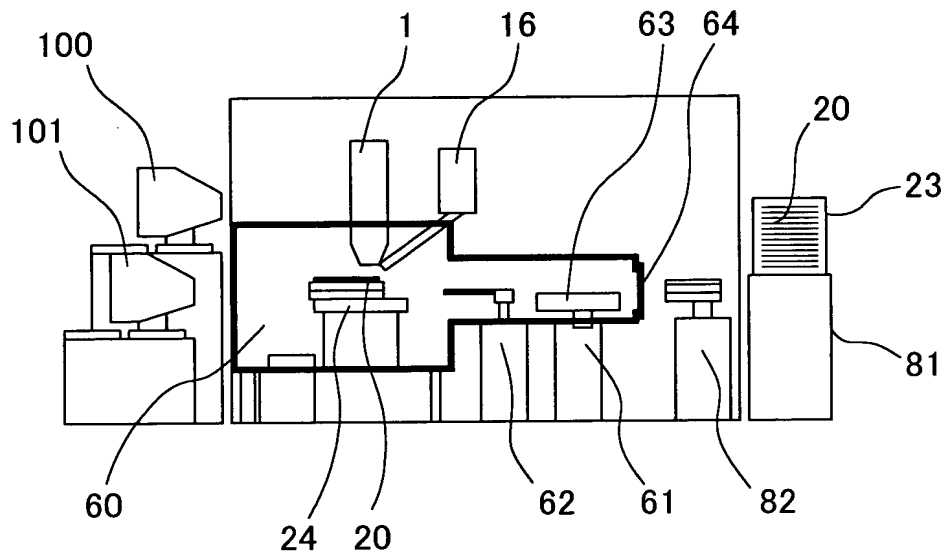


FIG.2

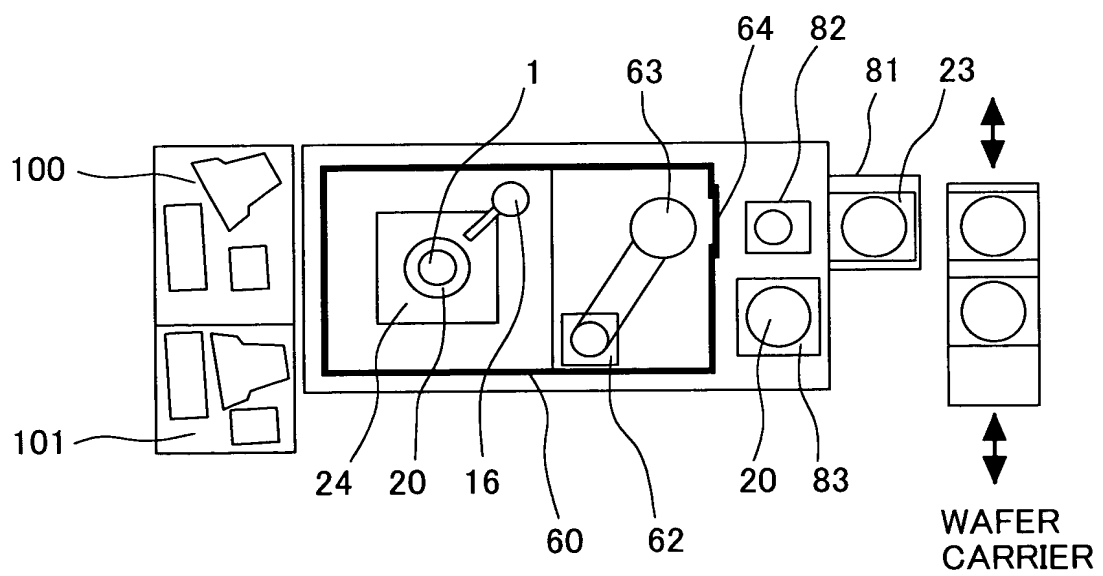


FIG.3

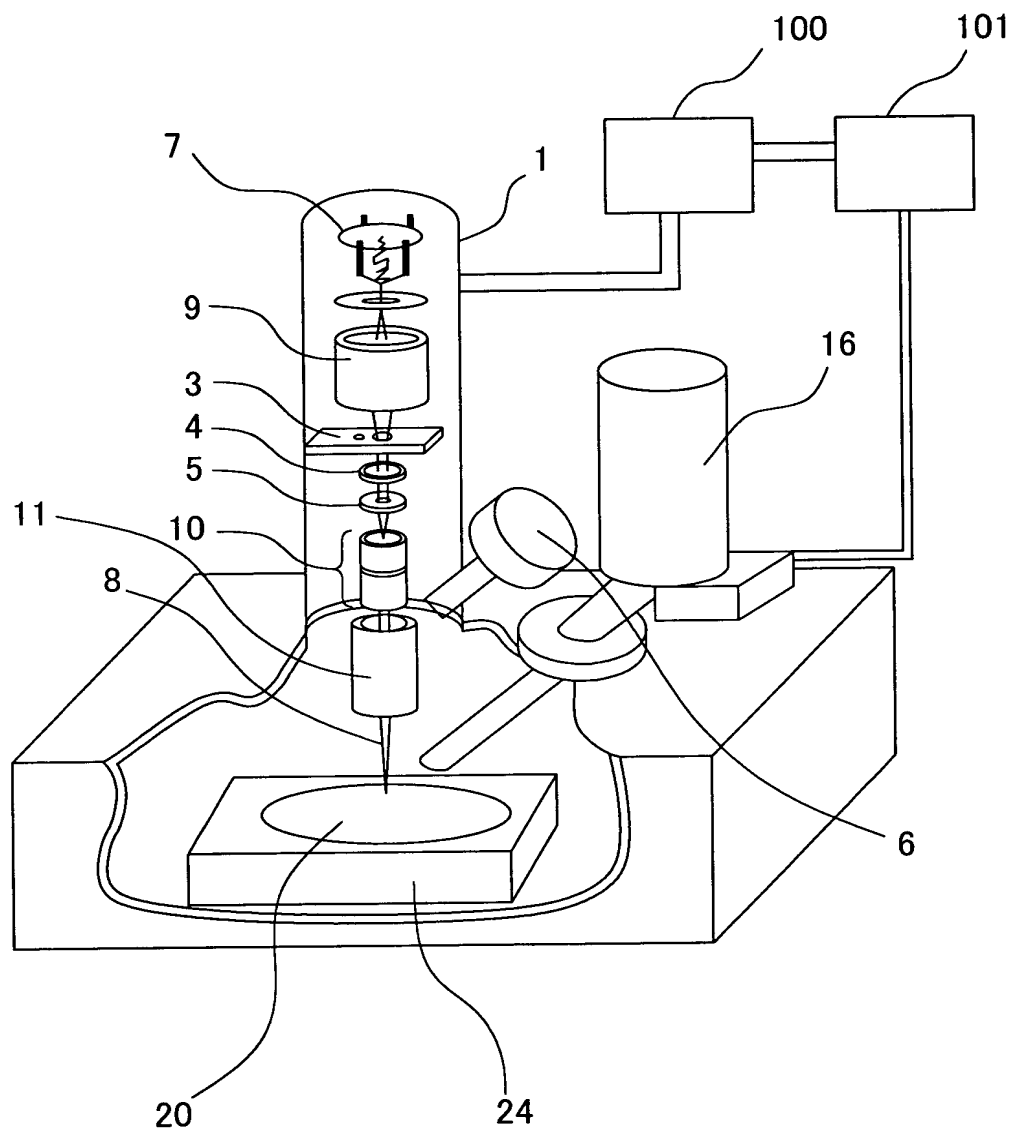


FIG.4

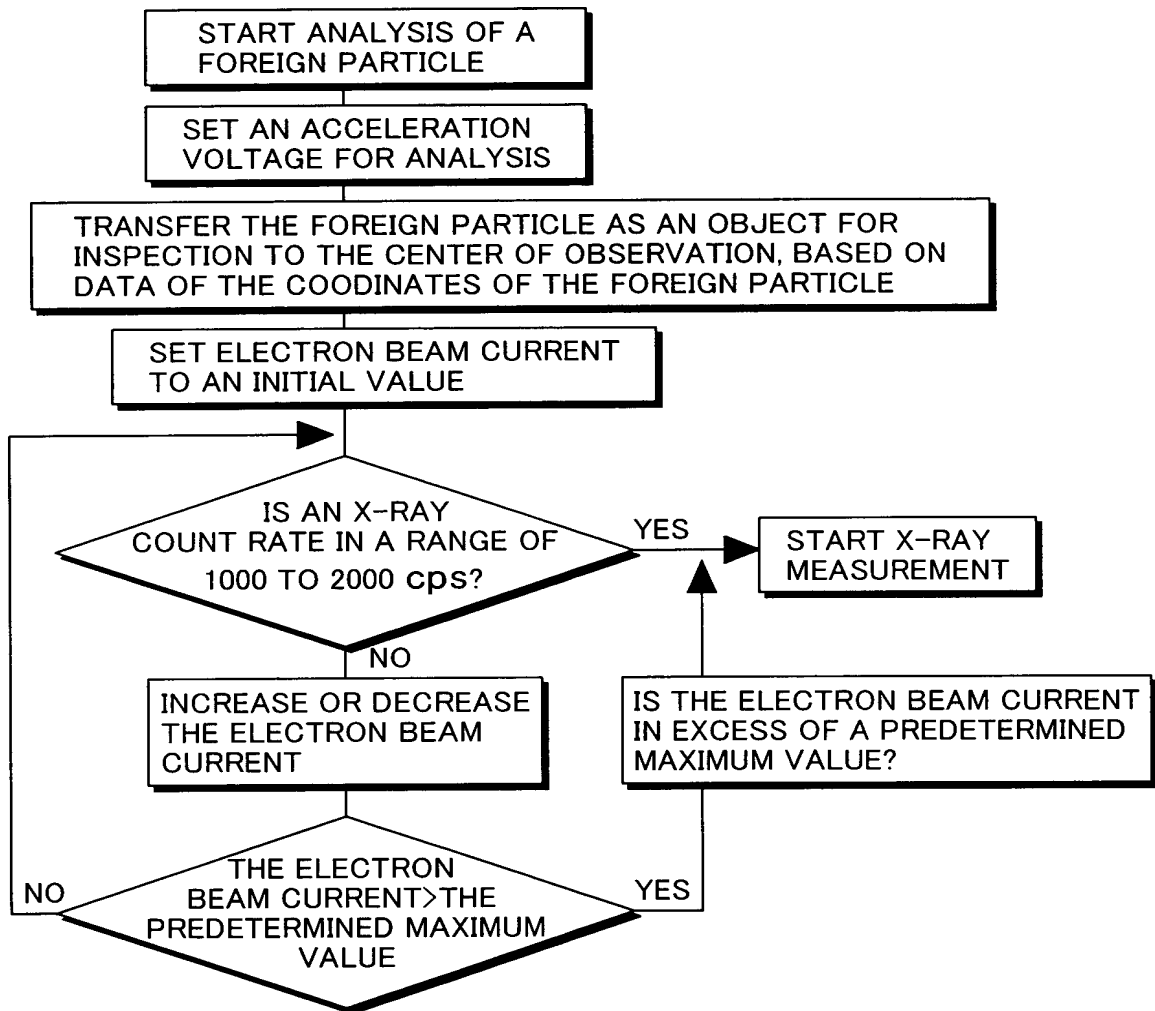


FIG.5

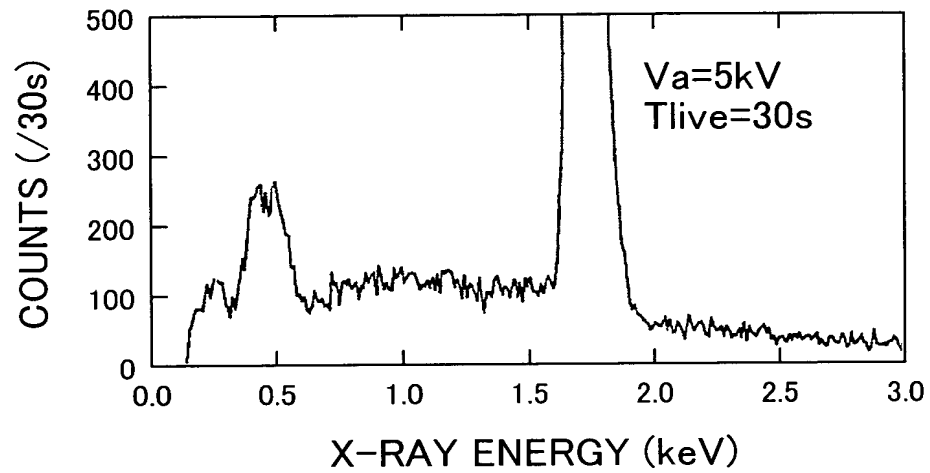


FIG.6

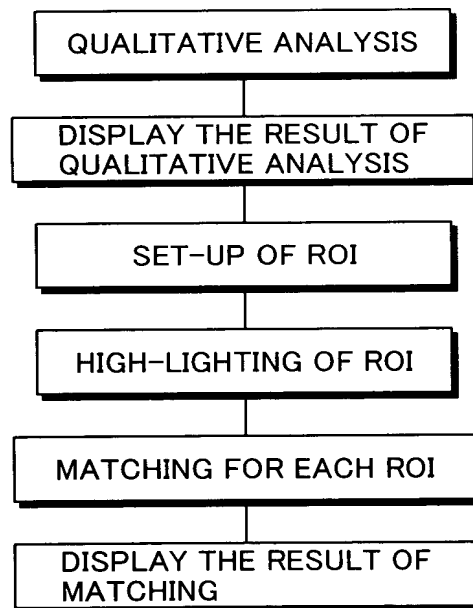


FIG.7

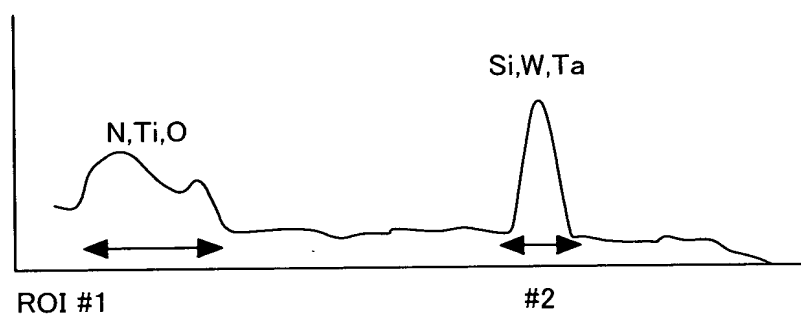


FIG.8

ROI NUMBER	ENERGY REGION		RESULT	IN ORDER OF THE DEGREE OF MATCHING		
				BEST	2ND	3RD
#1	START	0.2	DEGREE OF MATCHING χ^2 HIGHT PARAMETER (RATIO OF COUNT) NAME OF MATTER (SPECTRUM LABEL)	1.5	25	205
	END	0.7		0.05 TiN50nm/Si	0.012 Ti50nm/Si	0.0001 SiO2
#2	START	1.5	DEGREE OF MATCHING χ^2 HIGHT PARAMETER (RATIO OF COUNT) NAME OF MATTER (SPECTRUM LABEL)	0.3	11.4	35
	END	1.9		0.11 Si	0.15 Ta	0.09 W
FULL	START	0.2	DEGREE OF MATCHING χ^2 HIGHT PARAMETER (RATIO OF COUNT) NAME OF MATTER (SPECTRUM LABEL)	1.2	1.5	1.6
	END	5.0		0.1 TiN50nm/Si	0.15 Ti50nm/Si	0.12 Si

FIG.9

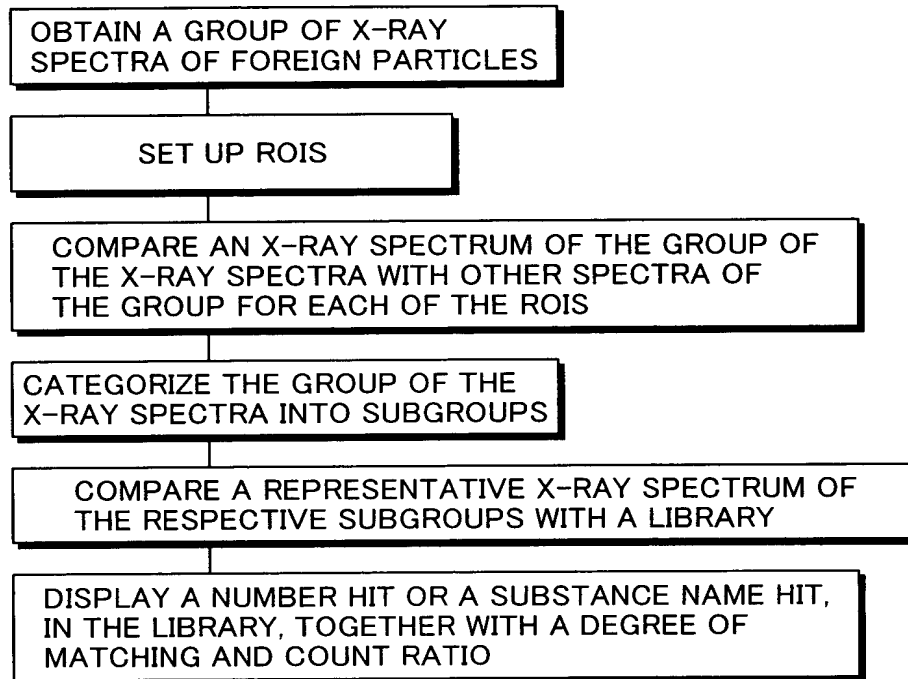


FIG.10

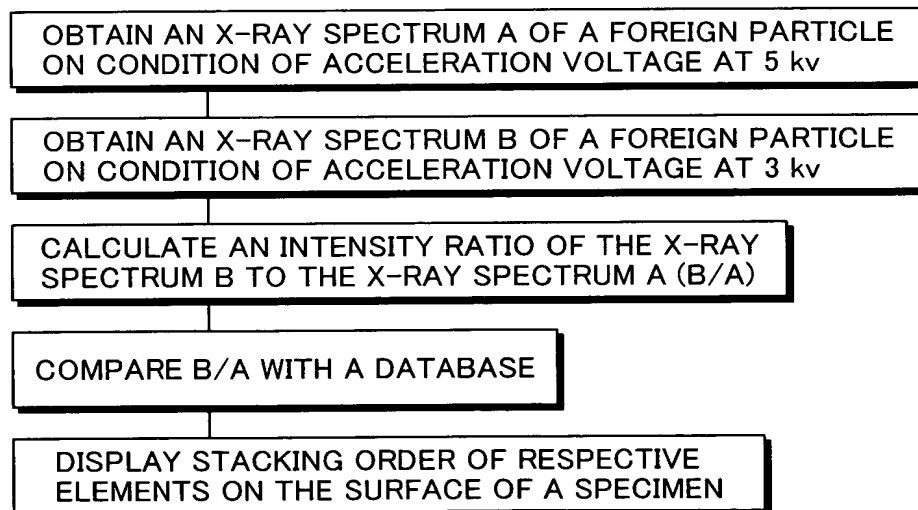


FIG.11

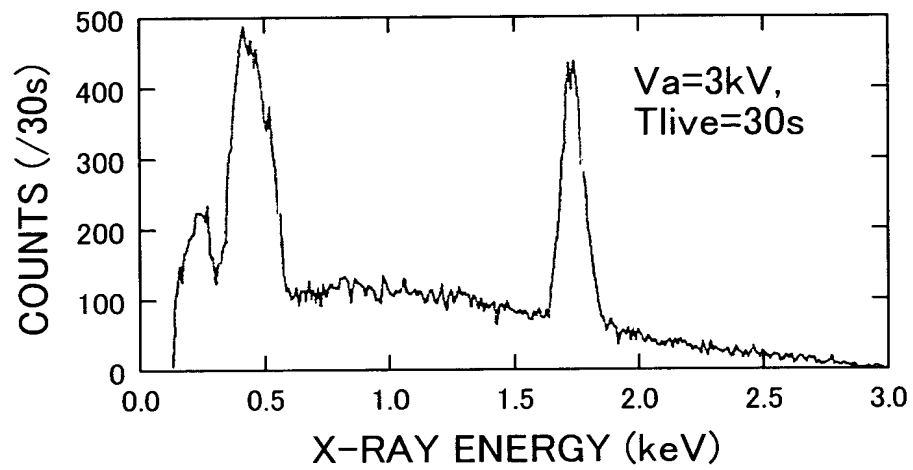


FIG.12A

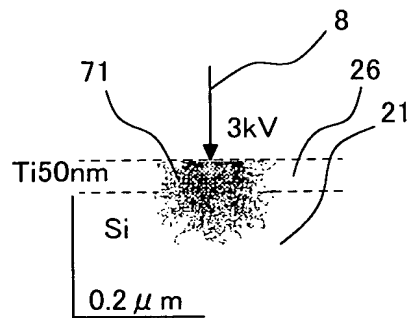


FIG.12B

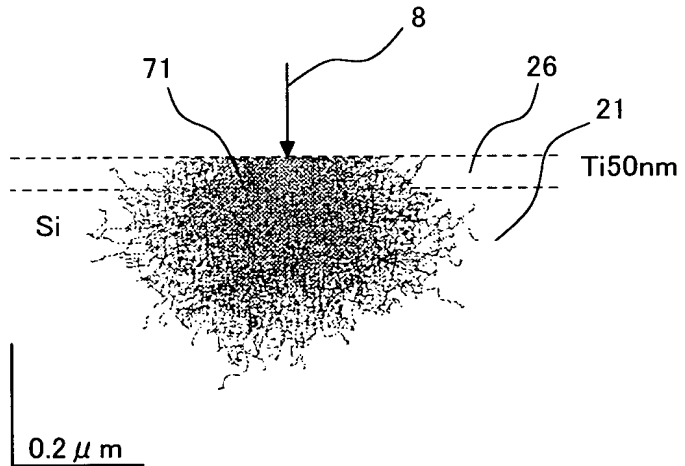


FIG.13

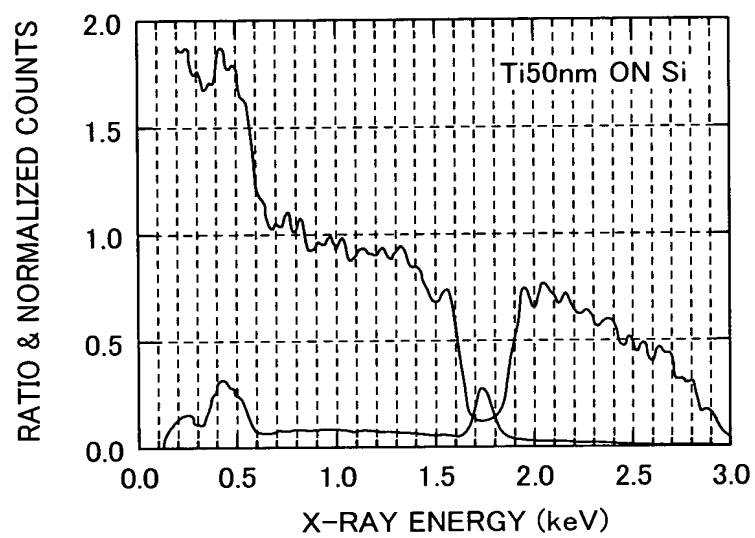


FIG.14

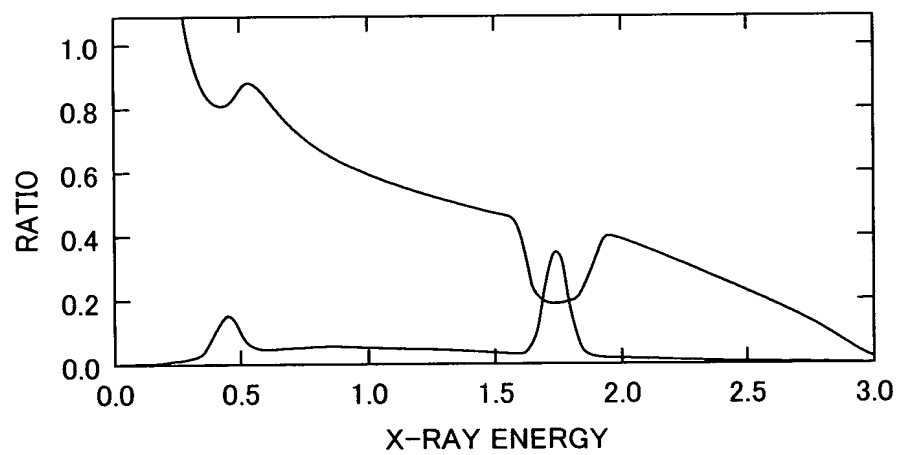


FIG.15

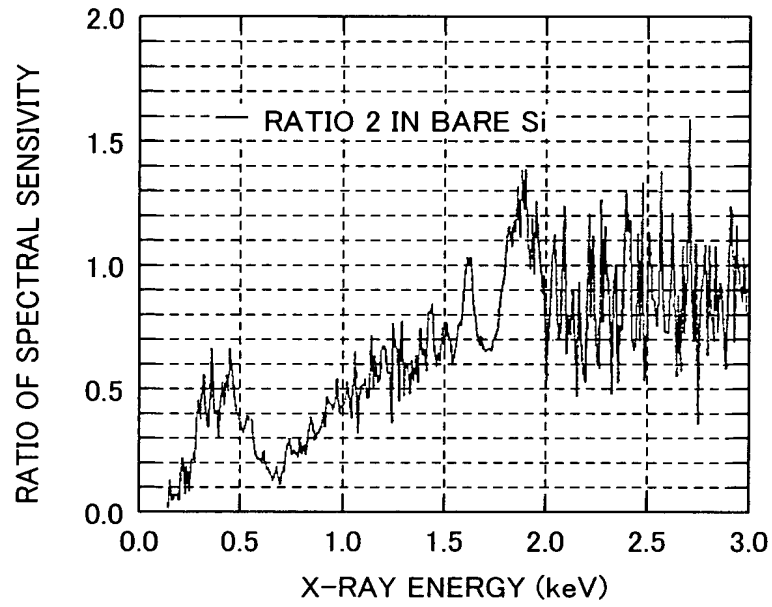


FIG.16A

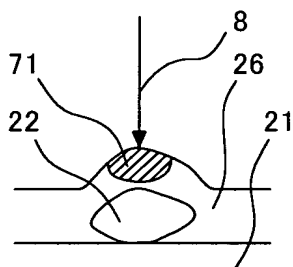


FIG.16B

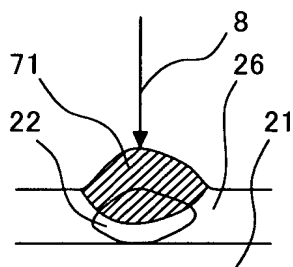


FIG.16C

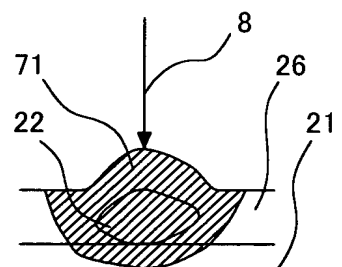


FIG.17A

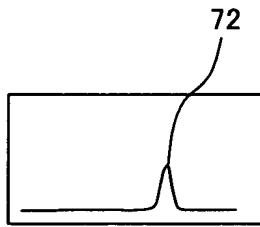


FIG.17B

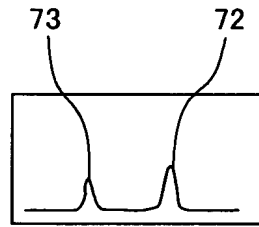


FIG.17C

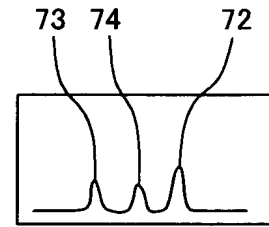


FIG.18A

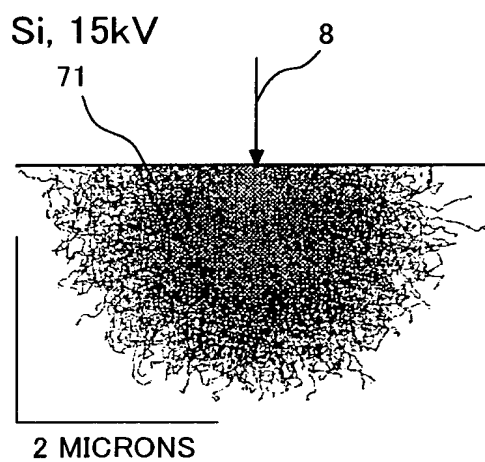


FIG.18B

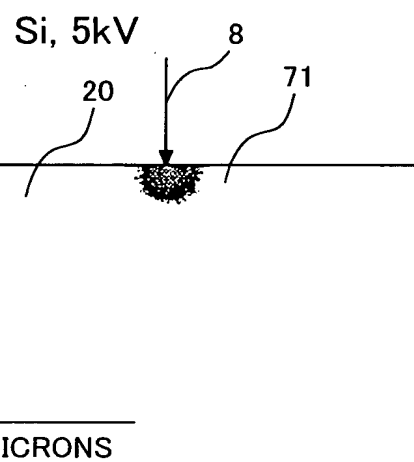


FIG.18C

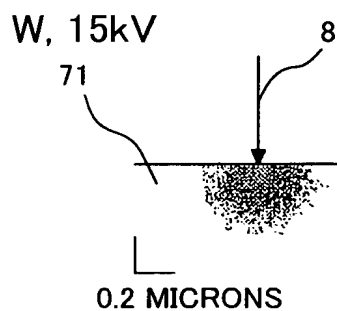


FIG.18D

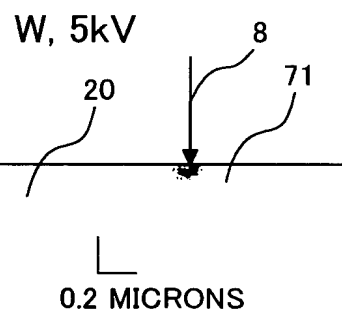


FIG.19

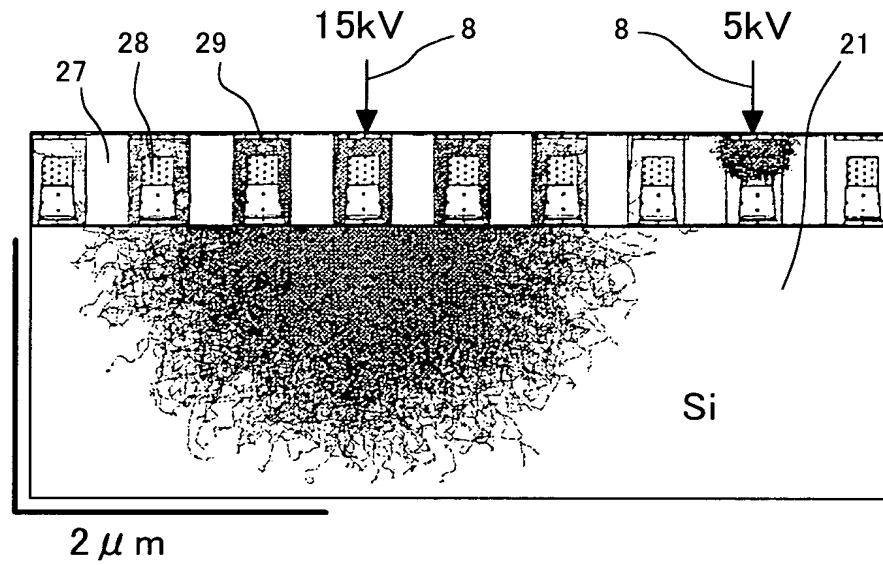


FIG.20

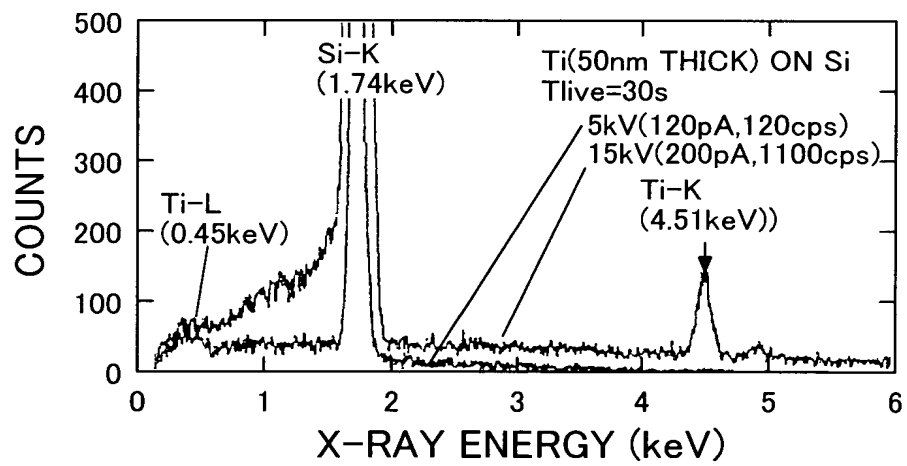


FIG.21A

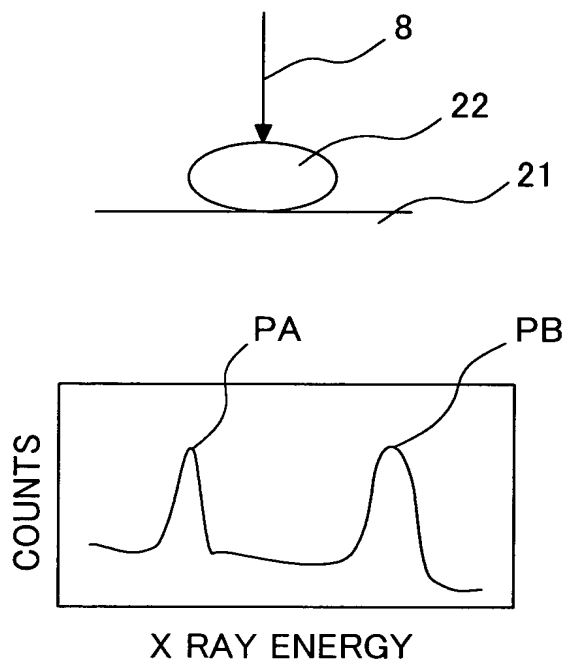


FIG.21B

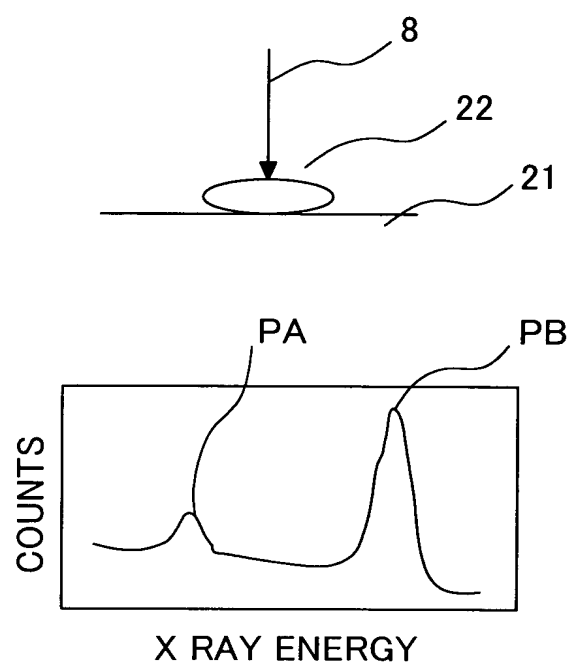


FIG.22

